

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: December 3, 2005, 01:09:38 ; Search time 9.01961 Seconds
(without alignments)
210.823 Million cell updates/sec

Title: US-10-737-208A-1_COPY_1_23
Perfect score: 119
Sequence: 1 DVVMTQTPLSLPTVTPGPASISC 23

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:
1: /cgn2_6/prodata/1/1aa/5 COMB.pep:*
2: /cgn2_6/prodata/1/1aa/6 COMB.pep:*
3: /cgn2_6/prodata/1/1aa/4 COMB.pep:*
4: /cgn2_6/prodata/1/1aa/FCOMB.COMB.pep:*
5: /cgn2_6/prodata/1/1aa/RE COMB.pep:*
6: /cgn2_6/prodata/1/1aa/Backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	119	100.0	81	2	US-09-254-180C-156 Sequence 156, App
2	119	100.0	113	2	US-09-254-180C-21 Sequence 21, Appl
3	118	99.2	101	2	US-10-194-975-73 Sequence 73, Appl
4	118	99.2	101	2	US-10-194-975-74 Sequence 74, Appl
5	118	99.2	113	1	US-08-264-093-10 Sequence 10, Appl
6	118	99.2	113	2	US-09-840-459-68 Sequence 68, Appl
7	118	99.2	113	2	US-09-497-625A-68 Sequence 68, Appl
8	116	97.5	81	2	US-09-254-180C-158 Sequence 158, App
9	116	97.5	113	2	US-09-254-180C-23 Sequence 23, Appl
10	116	97.5	131	1	US-08-129-930B-95 Sequence 95, Appl
11	116	97.5	131	2	US-08-134-346A-50 Sequence 50, Appl
12	116	97.5	131	2	US-08-976-288A-95 Sequence 95, Appl
13	115	96.6	23	1	US-07-977-696C-67 Sequence 67, Appl
14	115	96.6	23	1	US-08-129-930B-67 Sequence 67, Appl
15	115	96.6	23	2	US-08-976-288A-67 Sequence 67, Appl
16	115	96.6	23	2	US-09-947-839B-67 Sequence 67, Appl
17	114	95.8	23	2	US-09-563-222C-78 Sequence 78, Appl
18	114	95.8	81	2	US-09-254-180C-154 Sequence 154, App
19	114	95.8	100	2	US-09-472-087-115 Sequence 115, App
20	114	95.8	100	2	US-10-194-975-79 Sequence 79, Appl
21	114	95.8	100	2	US-10-194-975-80 Sequence 80, Appl
22	114	95.8	100	2	US-10-330-613A-71 Sequence 71, Appl
23	114	95.8	108	1	US-08-488-113B-151 Sequence 151, App
24	114	95.8	108	1	US-08-477-484B-151 Sequence 151, App
25	114	95.8	108	1	US-08-107-669D-15 Sequence 15, Appl
26	114	95.8	108	1	US-08-472-788A-15 Sequence 15, Appl
27	114	95.8	108	1	US-08-477-531B-15 Sequence 15, Appl

28	114	95.8	108	1	US-08-646-360-151 Sequence 151, App
29	114	95.8	108	1	US-08-082-842A-15 Sequence 15, Appl
30	114	95.8	108	2	US-08-839-765-151 Sequence 151, App
31	114	95.8	108	2	US-09-136-389-151 Sequence 151, App
32	114	95.8	108	2	US-09-610-838-151 Sequence 151, App
33	114	95.8	108	2	US-09-711-485-151 Sequence 151, App
34	114	95.8	112	1	US-08-053-171-16 Sequence 16, Appl
35	114	95.8	112	1	US-08-053-171-16 Sequence 16, Appl
36	114	95.8	112	1	US-08-331-398A-49 Sequence 49, Appl
37	114	95.8	112	1	US-08-478-039-88 Sequence 88, Appl
38	114	95.8	112	1	US-08-478-349A-88 Sequence 88, Appl
39	114	95.8	112	1	US-08-331-397B-49 Sequence 49, Appl
40	114	95.8	112	1	US-08-759-804A-49 Sequence 49, Appl
41	114	95.8	112	2	US-08-815-190A-14 Sequence 14, Appl
42	114	95.8	112	2	US-09-227-693-49 Sequence 49, Appl
43	114	95.8	112	2	US-09-254-180C-9 Sequence 9, Appl
44	114	95.8	112	2	US-10-330-613A-2 Sequence 2, Appl
45	114	95.8	113	2	US-09-025-769B-15 Sequence 15, Appl

ALIGNMENTS

```
RESULT 1
US-09-254-180C-156
; Sequence 156, Application US/09254180C
; Patent No. 6777540
; GENERAL INFORMATION:
; APPLICANT: OKUMURA, KO
; APPLICANT: EDA, Yasuyuki
; APPLICANT: MAEDA, Hiroaki
; APPLICANT: USHIO, Yoshitaka
; APPLICANT: HIGUCHI, Hirofumi
; APPLICANT: NAKATA, Motomi
; TITLE OF INVENTION: Humanized Immunoglobulins Specifically Reactive to Fas Ligand or
; FILE REFERENCE: 050006-0055
; CURRENT APPLICATION NUMBER: US/09/254,180C
; PRIOR FILING DATE: 1999-04-15
; PRIOR APPLICATION NUMBER: PCT/JP97/02983
; PRIOR FILING DATE: 1997-08-27
; PRIOR APPLICATION NUMBER: 271546/1996
; PRIOR FILING DATE: 1996-09-20
; PRIOR APPLICATION NUMBER: 231472/1996
; PRIOR FILING DATE: 1996-09-02
; NUMBER OF SEQ ID NOS: 183
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 156
; LENGTH: 81
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
US-09-254-180C-156

Query Match      100.0%; Score 119; DB 2; Length 81;
Best Local Similarity 100.0%; Pred. No. 1,1e-08;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DVVMTQTPLSLPTVTPGPASISC 23
        1 DVVMTQTPLSLPTVTPGPASISC 23
DB      1 DVVMTQTPLSLPTVTPGPASISC 23

RESULT 2
US-09-254-180C-21
; Sequence 21, Application US/09254180C
; Patent No. 6777540
; GENERAL INFORMATION:
; APPLICANT: OKUMURA, KO
; APPLICANT: EDA, Yasuyuki
; APPLICANT: MAEDA, Hiroaki
; APPLICANT: USHIO, Yoshitaka
```

```
/ APPLICANT: HIGUCHI, Hirofumi
/ APPLICANT: NAKATA, Motomi
/ TITLE OF INVENTION: Fragmented Immunoglobulins Specifically Reactive to Fas Ligand or
/ TITLE OF INVENTION: Fragments Thereof, and Apoptosis-Induced Site From Fas Ligand
/ FILE REFERENCE: 050006-0055
/ CURRENT APPLICATION NUMBER: US/09/254,180C
/ CURRENT FILING DATE: 1999-04-15
/ PRIOR APPLICATION NUMBER: PCT/JP97/02983
/ PRIOR FILING DATE: 1997-08-27
/ PRIOR APPLICATION NUMBER: 271546/1996
/ PRIOR FILING DATE: 1996-09-20
/ PRIOR APPLICATION NUMBER: 231472/1996
/ PRIOR FILING DATE: 1996-09-02
/ NUMBER OF SEQ ID NOS: 183
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO: 21
/ LENGTH: 113
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
US-09-254-180C-21
```

```
Query Match          100.0%; Score 119, DB 2; Length 113;
Best Local Similarity 100.0%; Pred. No. 1.5e-08;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 DVVMTQPLSLPVTGEPASISC 23
Db 1 DVVMTQPLSLPVTGEPASISC 23
```

```
RESULT 3
US-10-194-975-73
/ Sequence 73, Application US/10194975
/ Patent No. 6681557
/ GENERAL INFORMATION:
/ APPLICANT: Foote, Jefferson
/ TITLE OF INVENTION: Super Humanized Antibodies
/ FILE REFERENCE: 501231.01
/ CURRENT APPLICATION NUMBER: US/10/194,975
/ CURRENT FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: US 60/305,111
/ PRIOR FILING DATE: 2001-07-12
/ NUMBER OF SEQ ID NOS: 122
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO: 73
/ LENGTH: 101
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-194-975-73
```

```
Query Match          99.2%; Score 118, DB 2; Length 101;
Best Local Similarity 95.7%; Pred. No. 1.8e-08;
Matches 22; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 DVVMTQPLSLPVTGEPASISC 23
Db 1 DVVMTQPLSLPVTGEPASISC 23
```

```
RESULT 4
US-10-194-975-74
/ Sequence 74, Application US/10194975
/ Patent No. 6681557
/ GENERAL INFORMATION:
/ APPLICANT: Foote, Jefferson
/ TITLE OF INVENTION: Super Humanized Antibodies
/ FILE REFERENCE: 501231.01
/ CURRENT APPLICATION NUMBER: US/10/194,975
/ CURRENT FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: US 60/305,111
/ PRIOR FILING DATE: 2001-07-12
```

```
/ NUMBER OF SEQ ID NOS: 122
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO: 74
/ LENGTH: 101
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-194-975-74
```

```
Query Match          99.2%; Score 118, DB 2; Length 101;
Best Local Similarity 95.7%; Pred. No. 1.8e-08;
Matches 22; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 DVVMTQPLSLPVTGEPASISC 23
Db 1 DVVMTQPLSLPVTGEPASISC 23
```

```
RESULT 5
US-08-264-093-10
/ Sequence 10, Application US/08264093
/ Patent No. 5639863
/ GENERAL INFORMATION:
/ APPLICANT: Michael D. Dan
/ TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES SPECIFIC TO
/ TITLE OF INVENTION: CELL CYCLE-INDEPENDENT GLIOMA SURFACE
/ NUMBER OF SEQUENCES: 26
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Ridout & Maybee
/ STREET: 2300 Richmond-Adelaide Centre
/ STREET: 101 Richmond Street West
/ CITY: Toronto
/ STATE: Ontario
/ COUNTRY: Canada
/ ZIP: M5H 2J7
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette - 3.5 inch, 1.4 Mb storage
/ COMPUTER: IBM PC Compatible
/ OPERATING SYSTEM: MS-DOS 6.00
/ SOFTWARE: ASCII Editor
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/264,093
/ FILING DATE:
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA: No. 5639863 applicable
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Lake, James R.
/ REGISTRATION NUMBER: 31081
/ REFERENCE/DOCKET NUMBER: NOVOP/106A/7551
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (416) 868-1482
/ TELEFAX: (416) 362-0823
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 113 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: not applicable
/ TOPOLOGY: linear
US-08-264-093-10
```

```
Query Match          99.2%; Score 118, DB 1; Length 113;
Best Local Similarity 95.7%; Pred. No. 2e-08;
Matches 22; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 DVVMTQPLSLPVTGEPASISC 23
Db 1 DVVMTQPLSLPVTGEPASISC 23
```

```
RESULT 6
US-09-840-459-68
/ Sequence 68, Application US/09840459
/ Patent No. 6696550
```